

Figure 1A

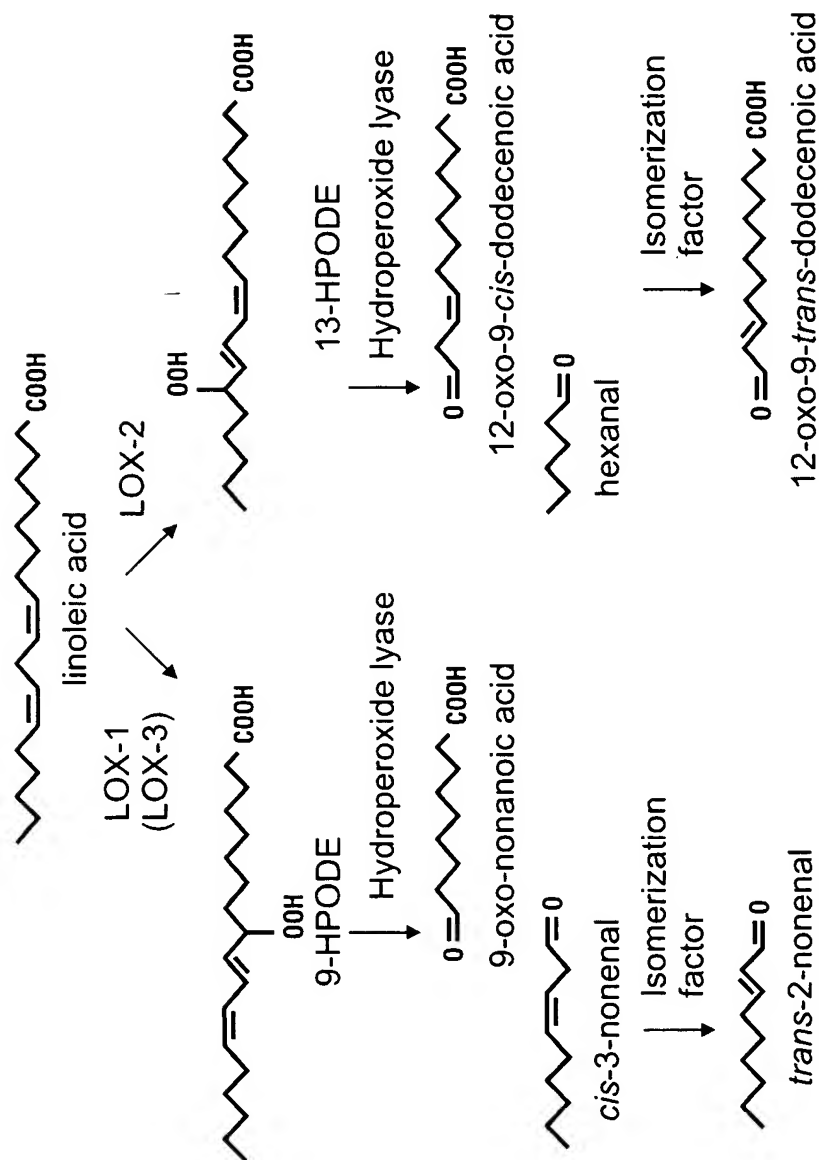


Figure 1B

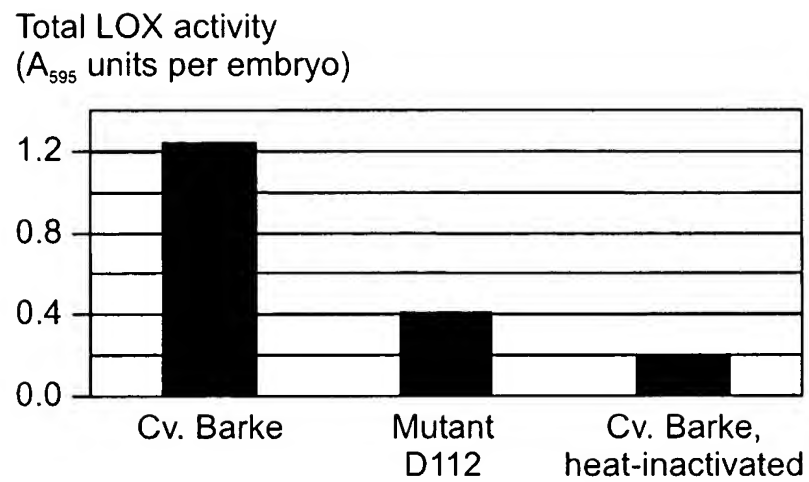


Figure 2

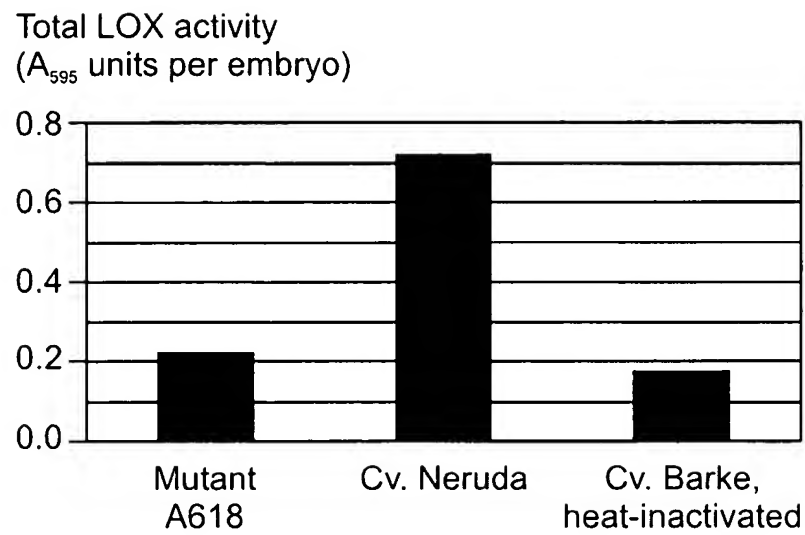


Figure 3

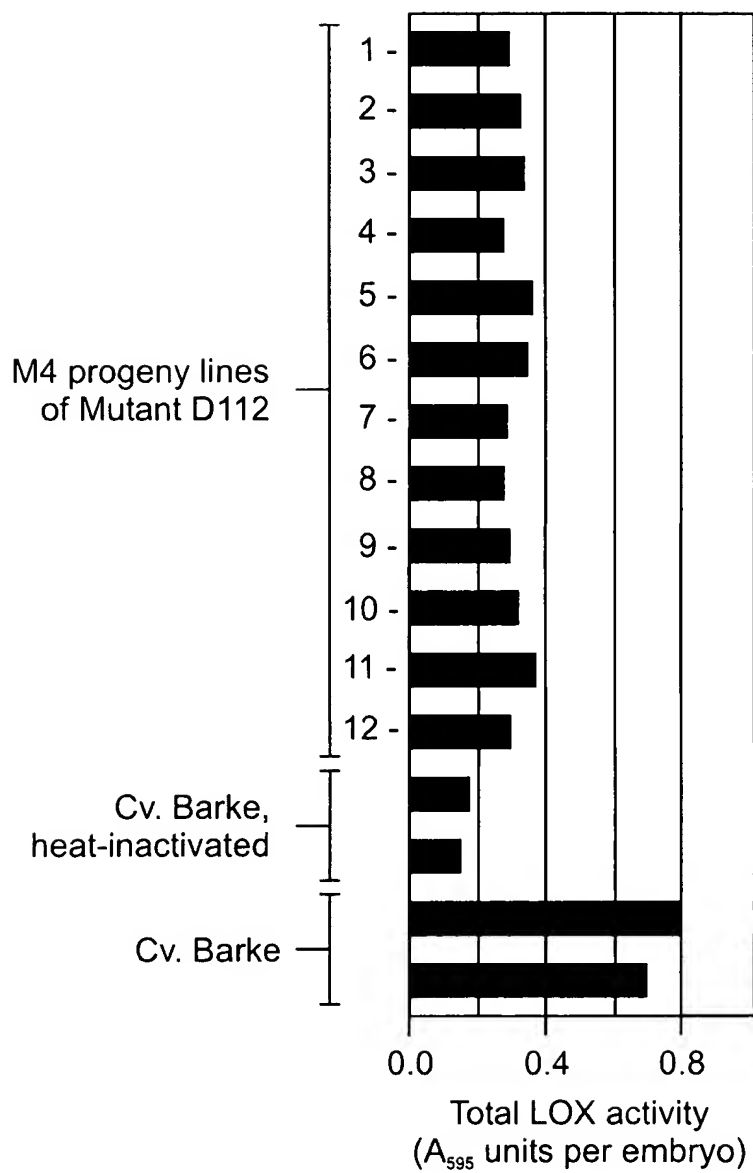


Figure 4

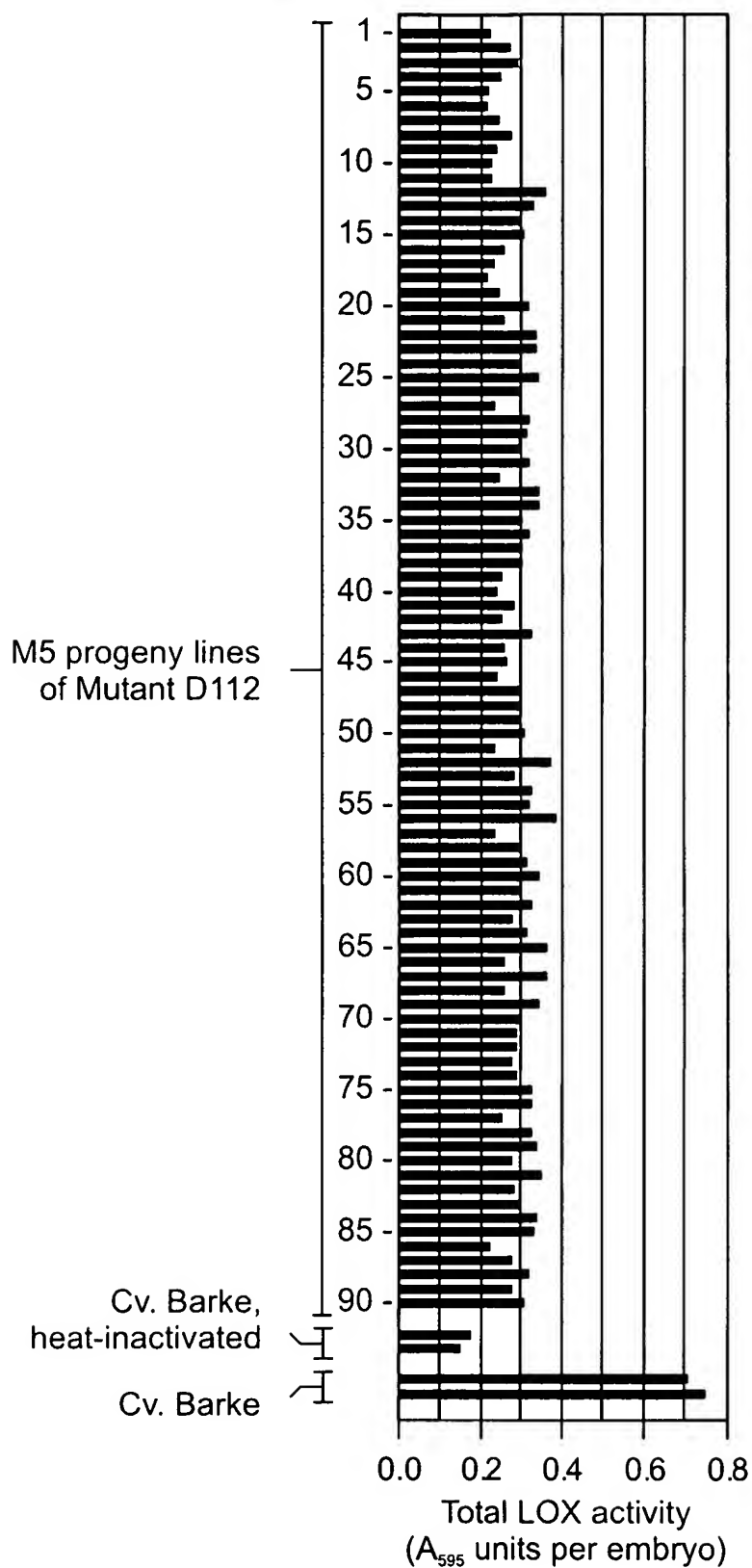


Figure 5

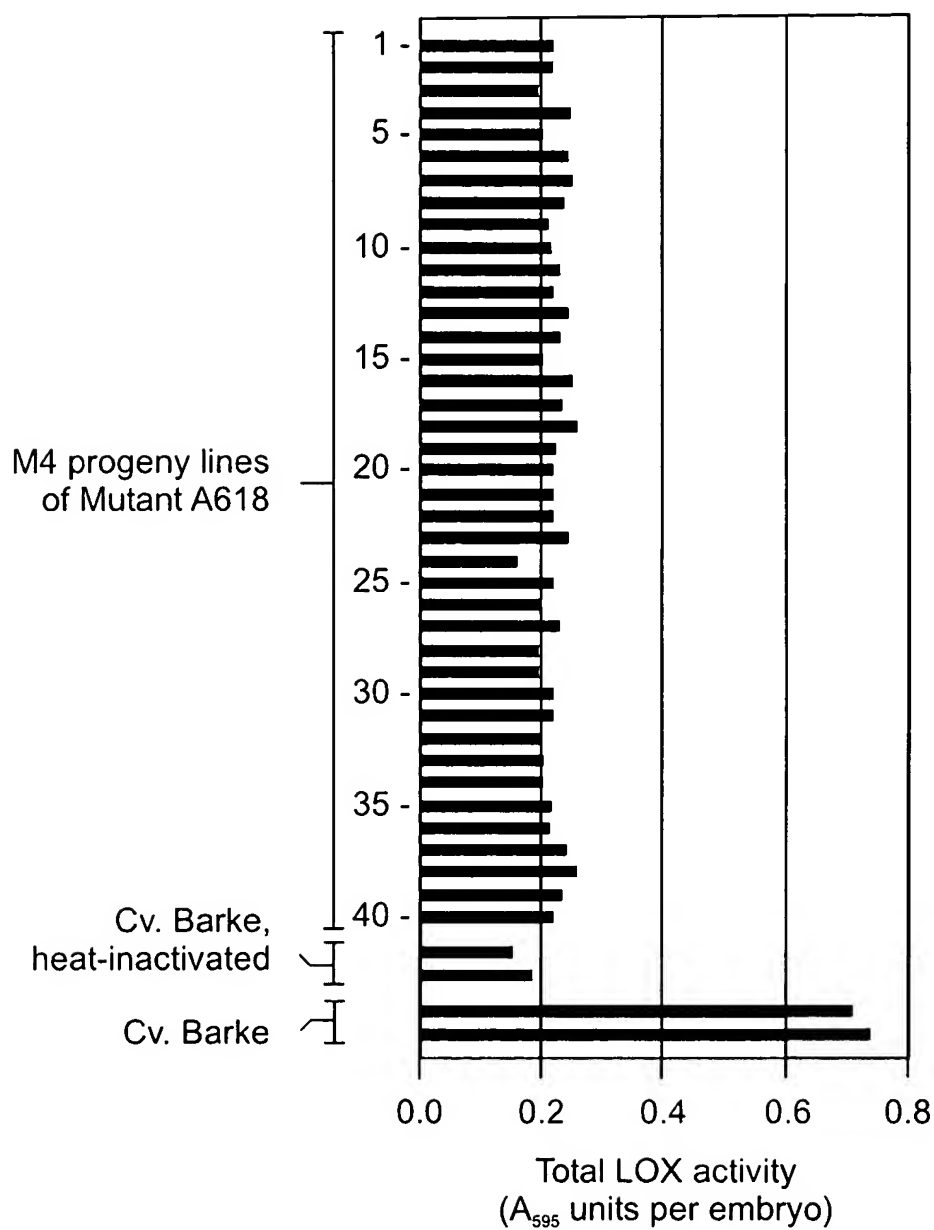


Figure 6

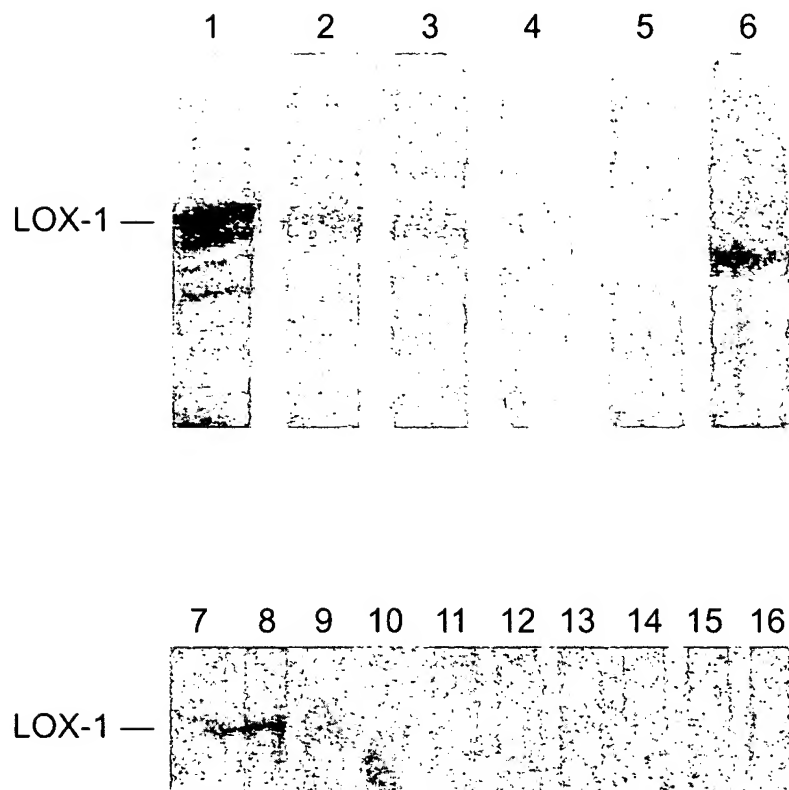


Figure 7

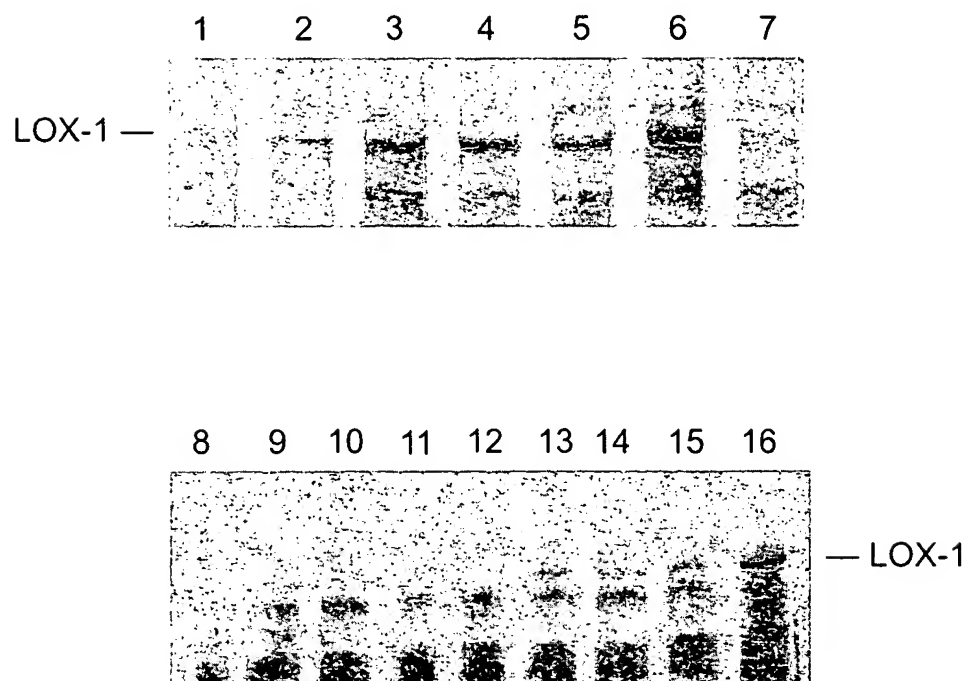


Figure 8

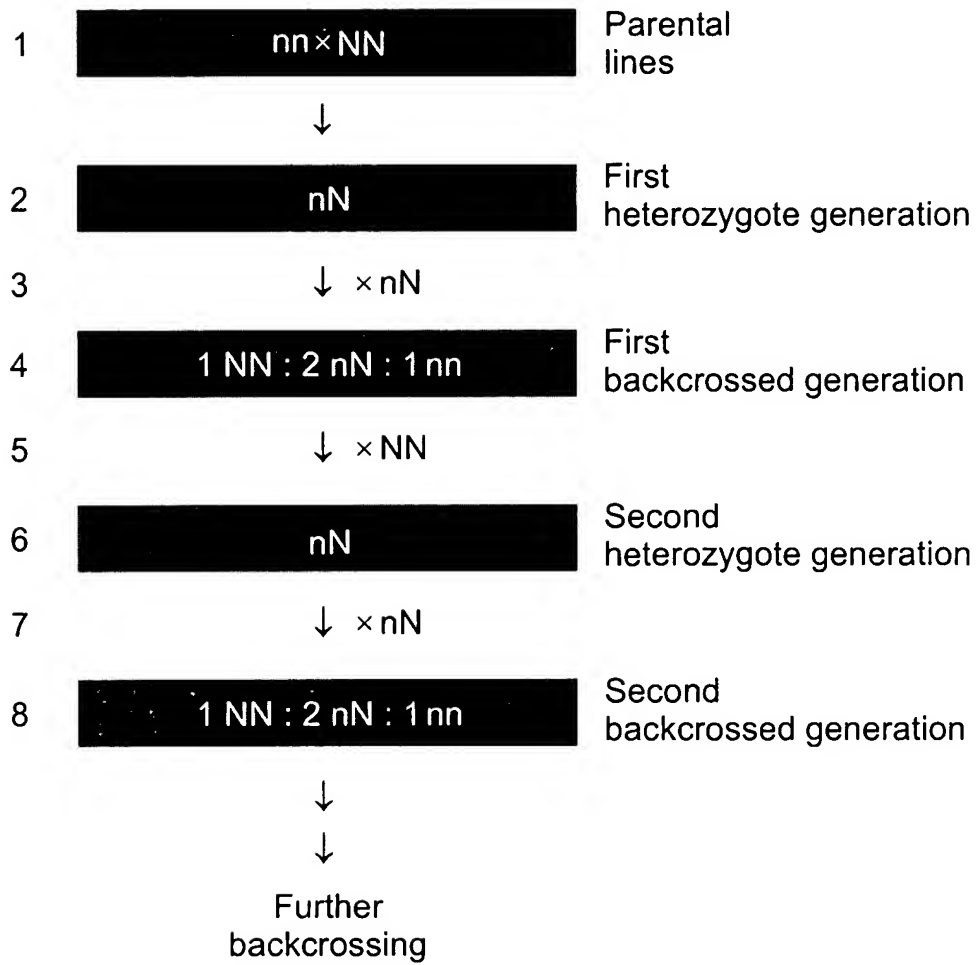


Figure 9

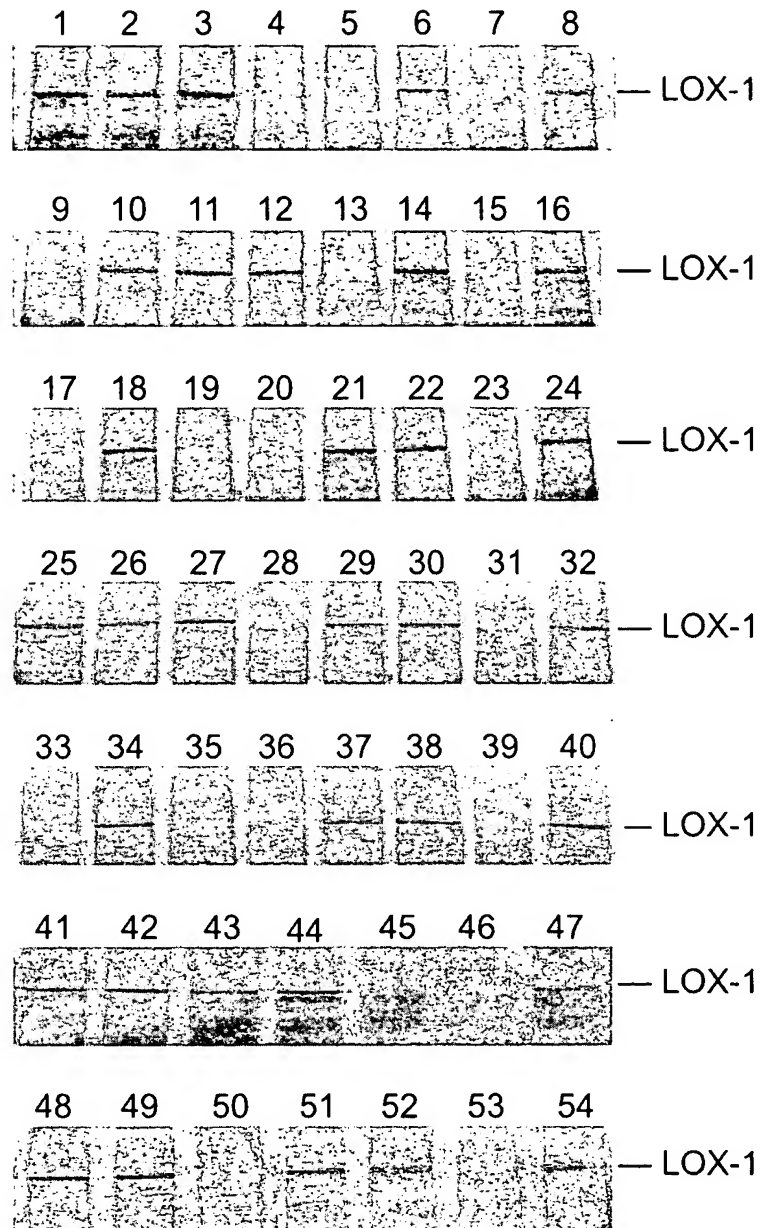


Figure 10

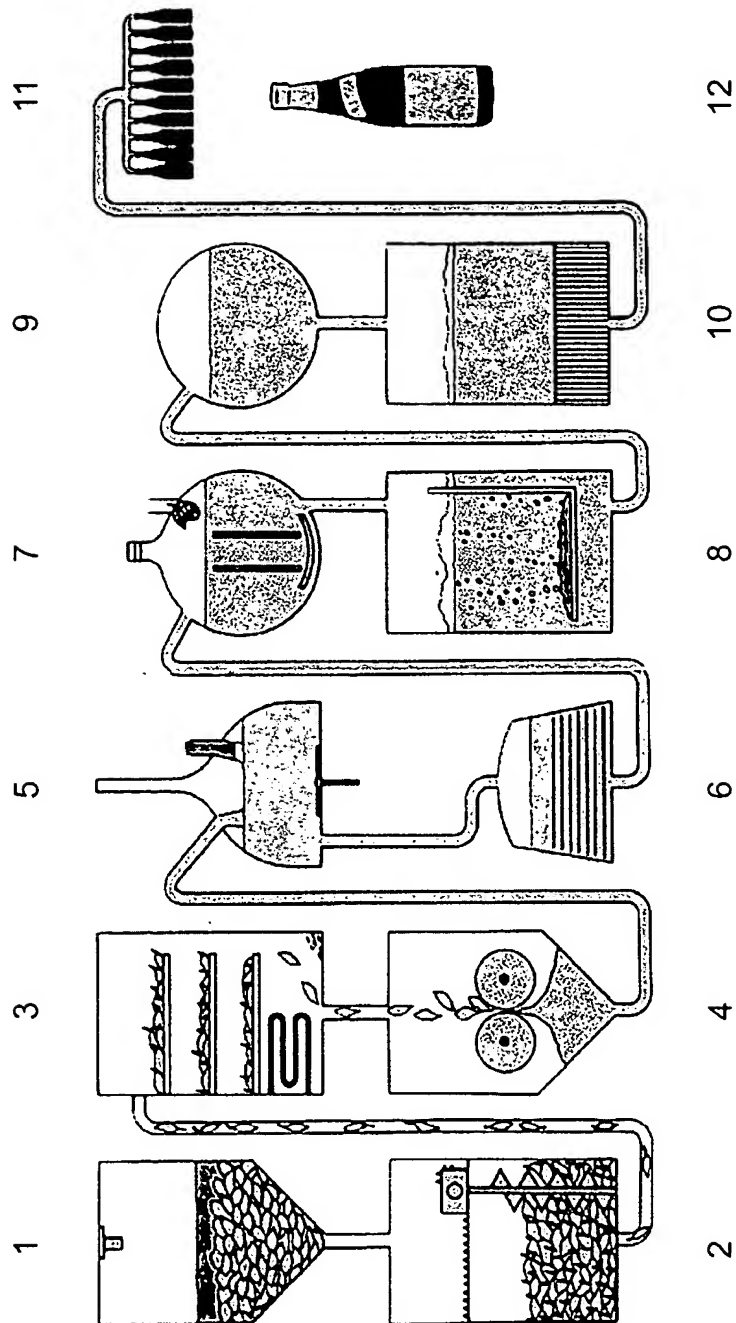


Figure 11

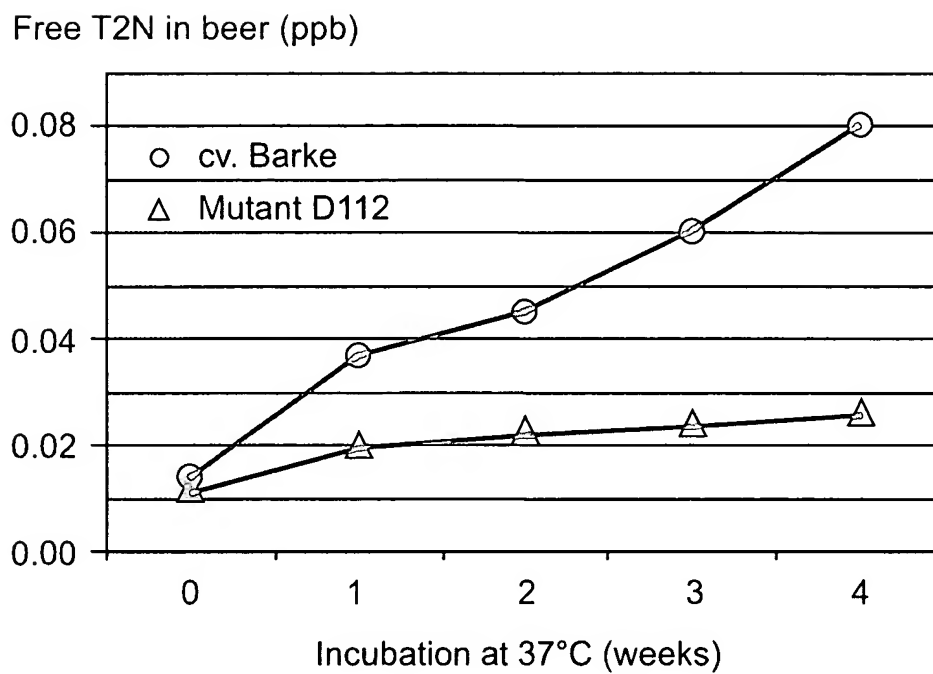


Figure 12

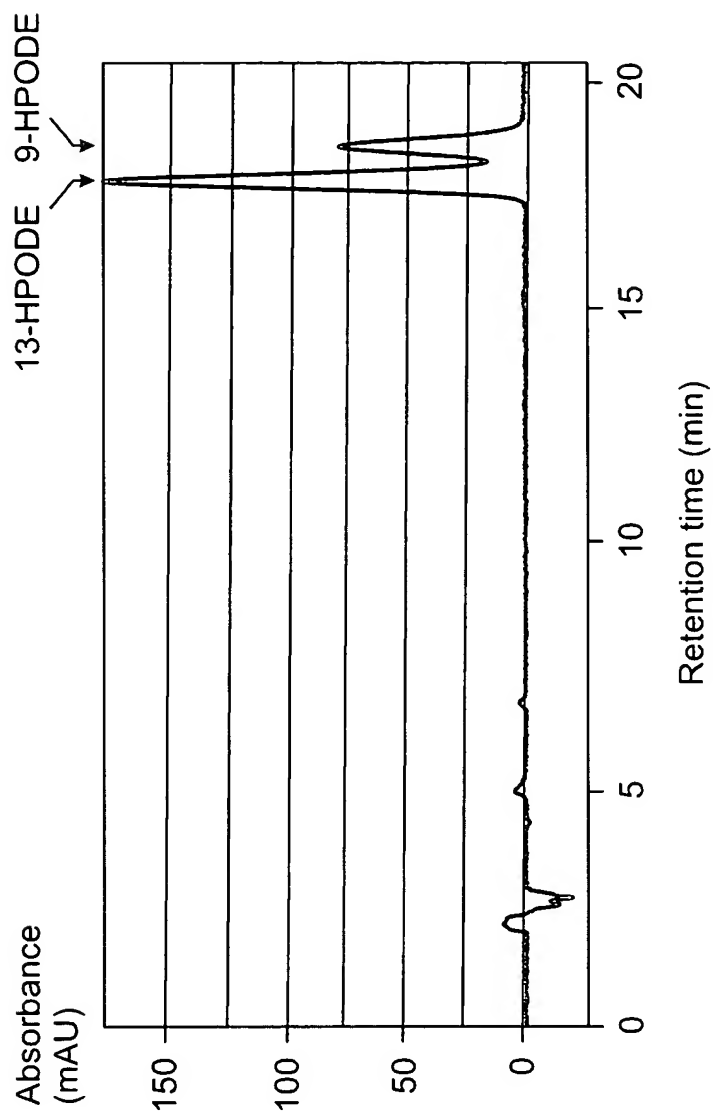


Figure 13A

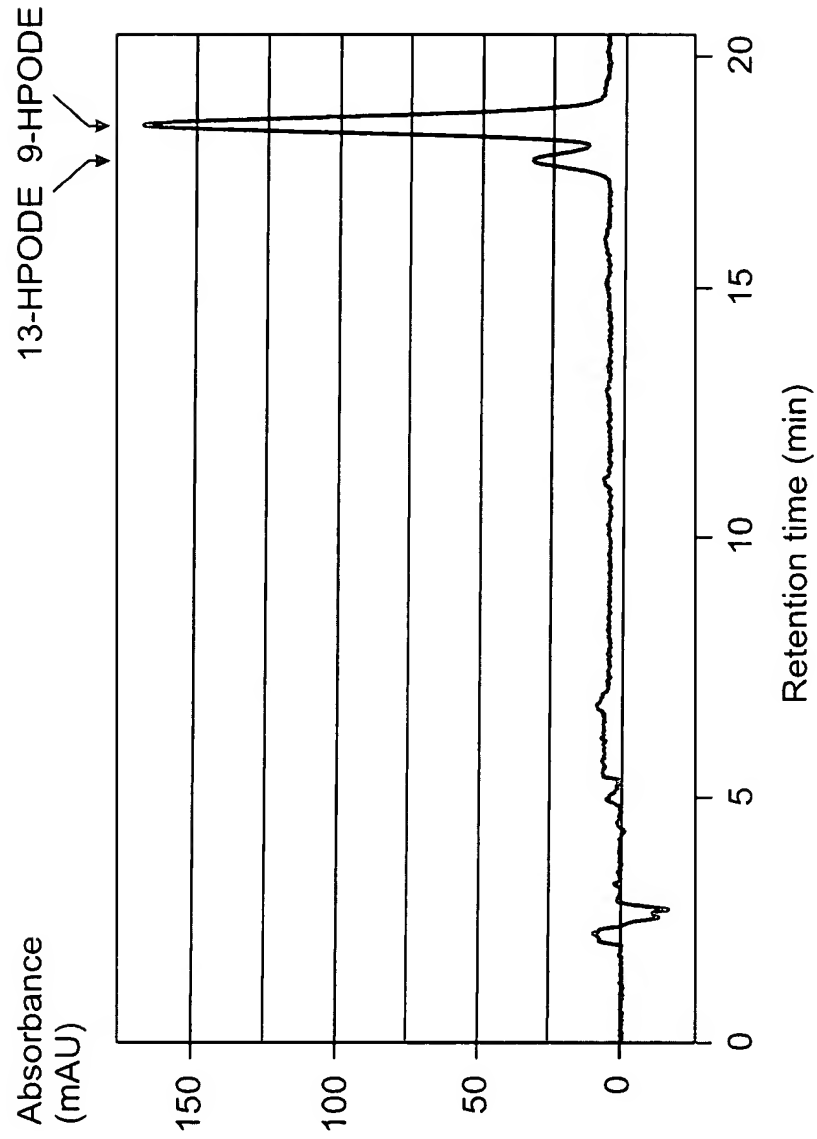


Figure 13B

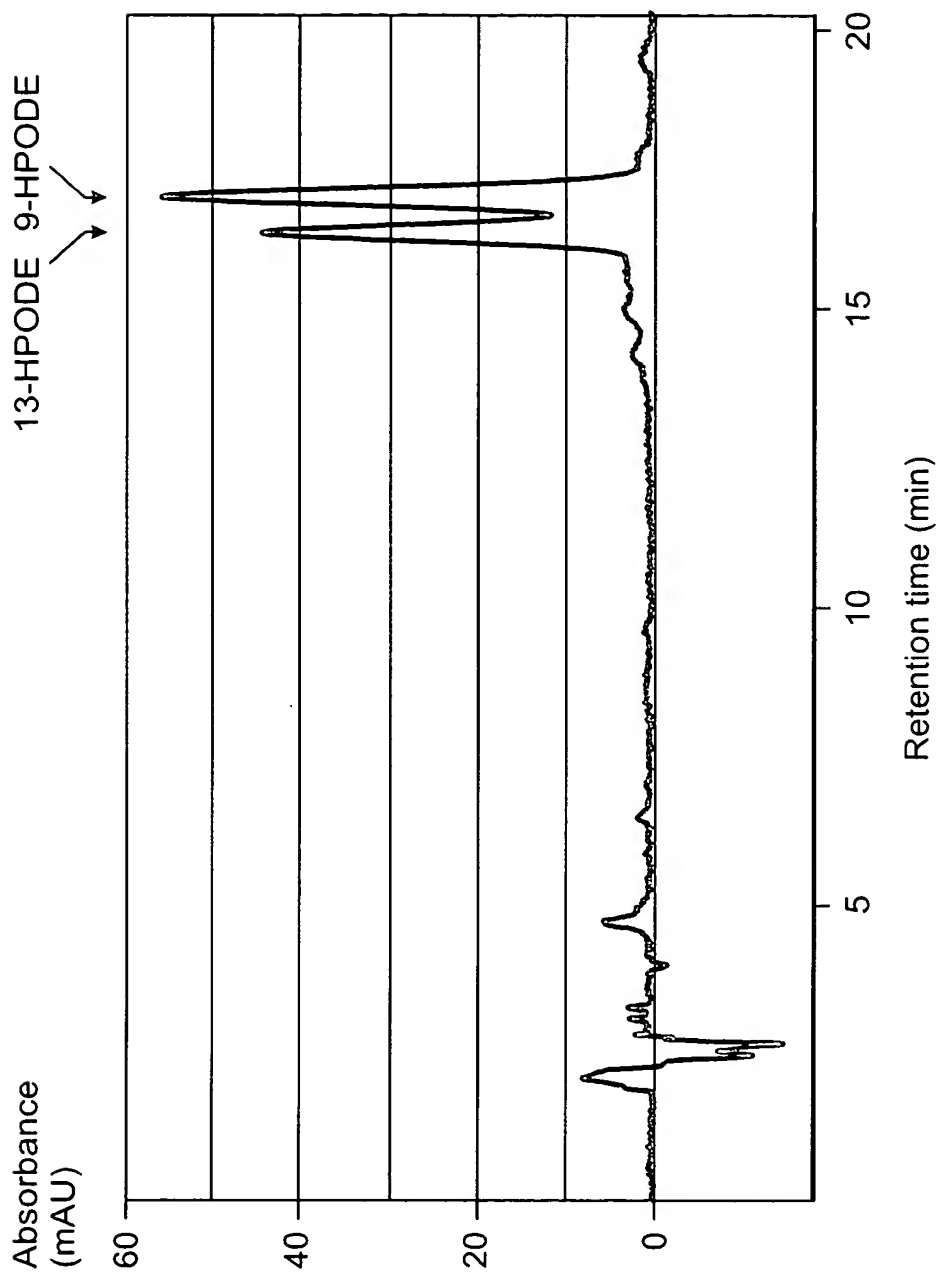


Figure 13C

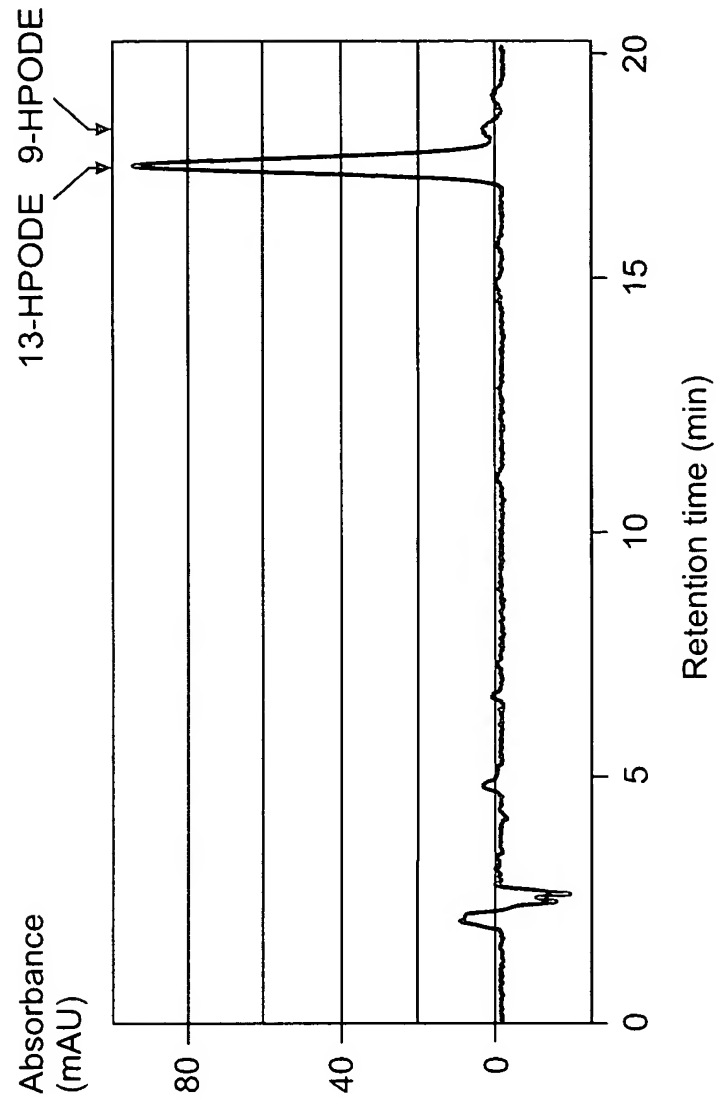


Figure 13D

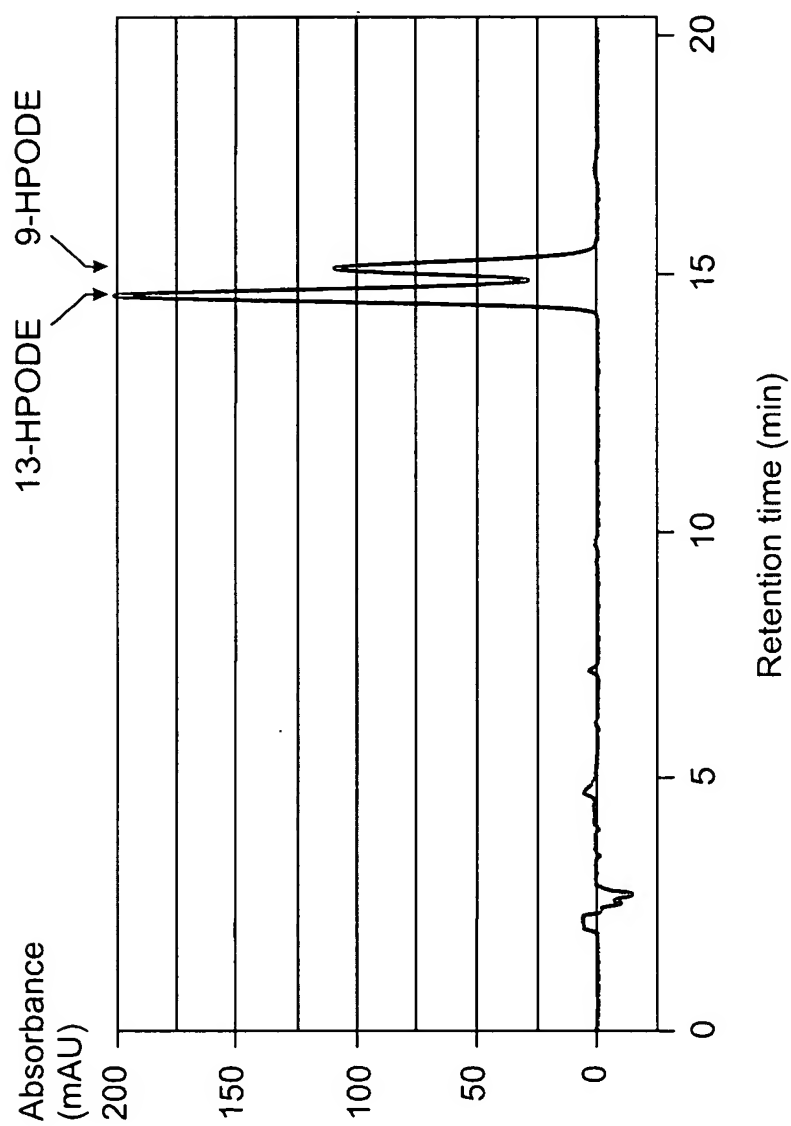


Figure 14A

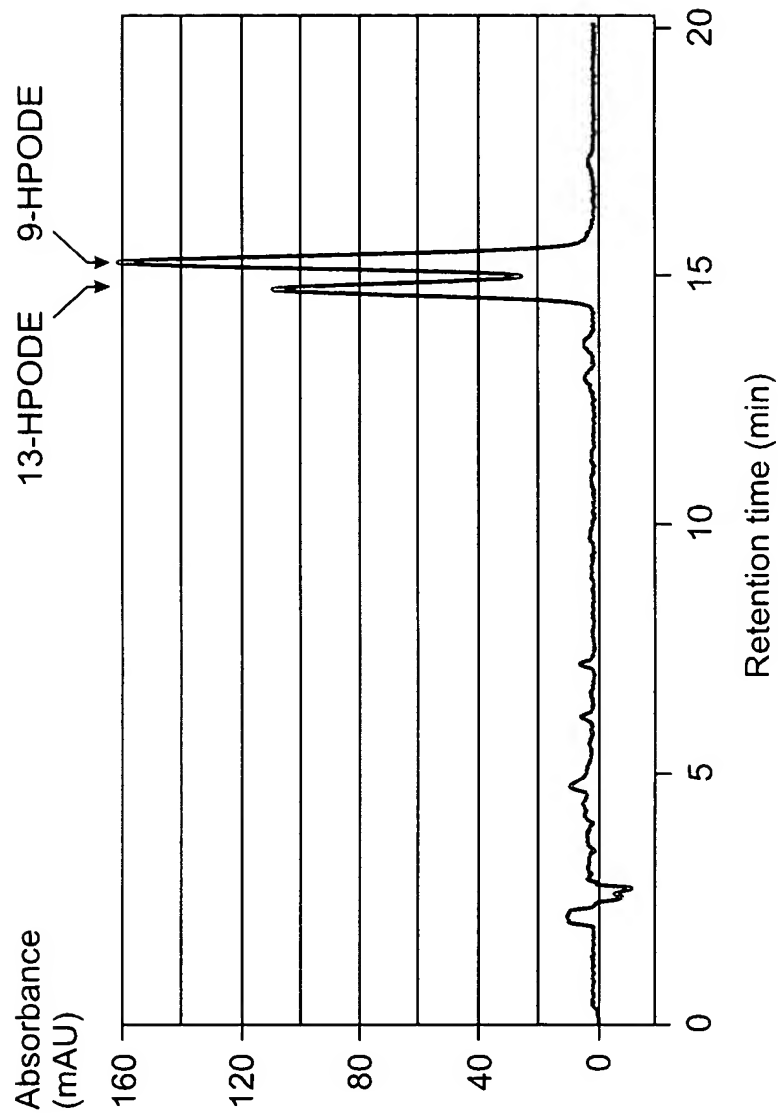


Figure 14B

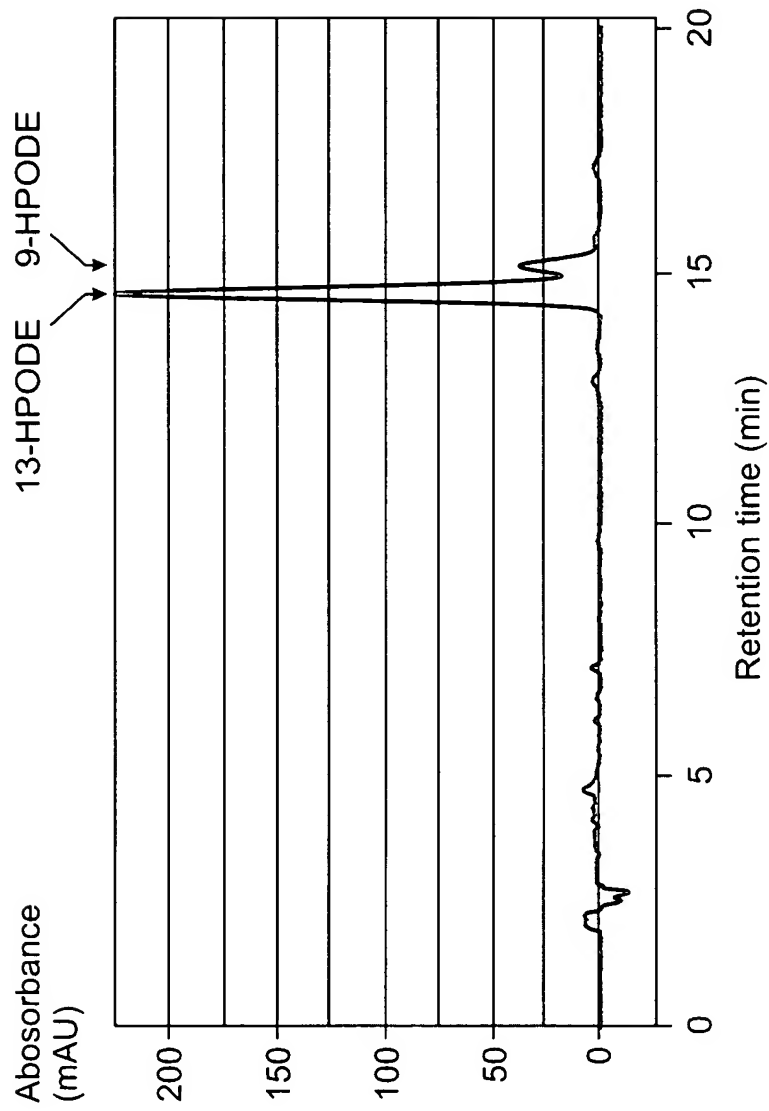


Figure 14C

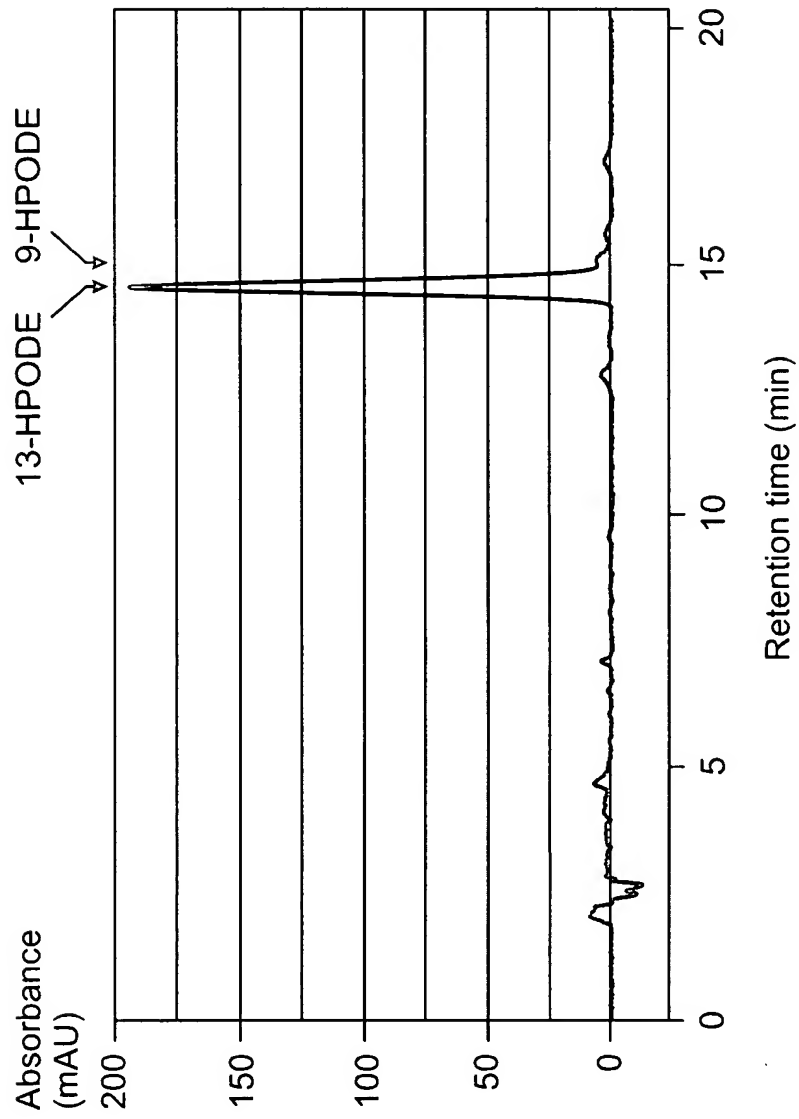


Figure 14D

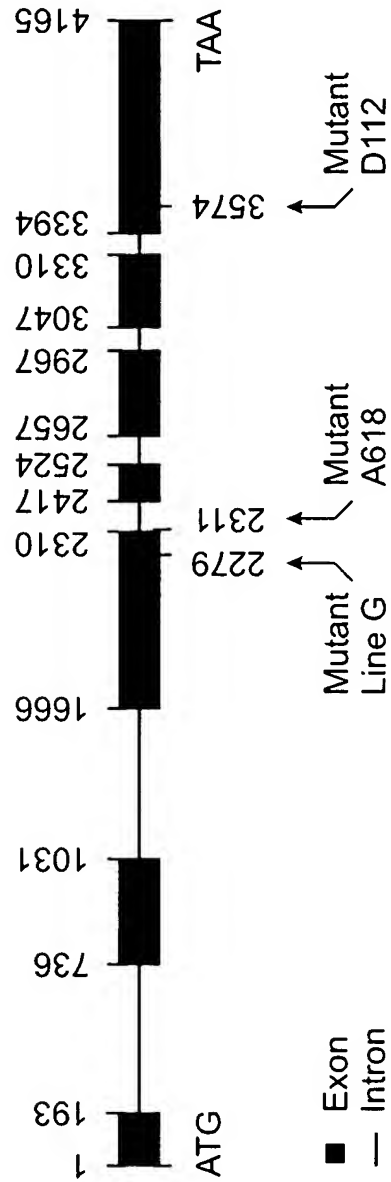


Figure 15

	Gene			Protein	
	Change	Position in genomic DNA	Result	Length in amino acids	Mass in kDa
Wild-type	—	—	—	862	96.4
Mutant A618	G→A	2311	RNA splicing error; translational stop	399	44.5
Mutant D112	G→A	3574	Translational stop	665	74.2

Figure 16

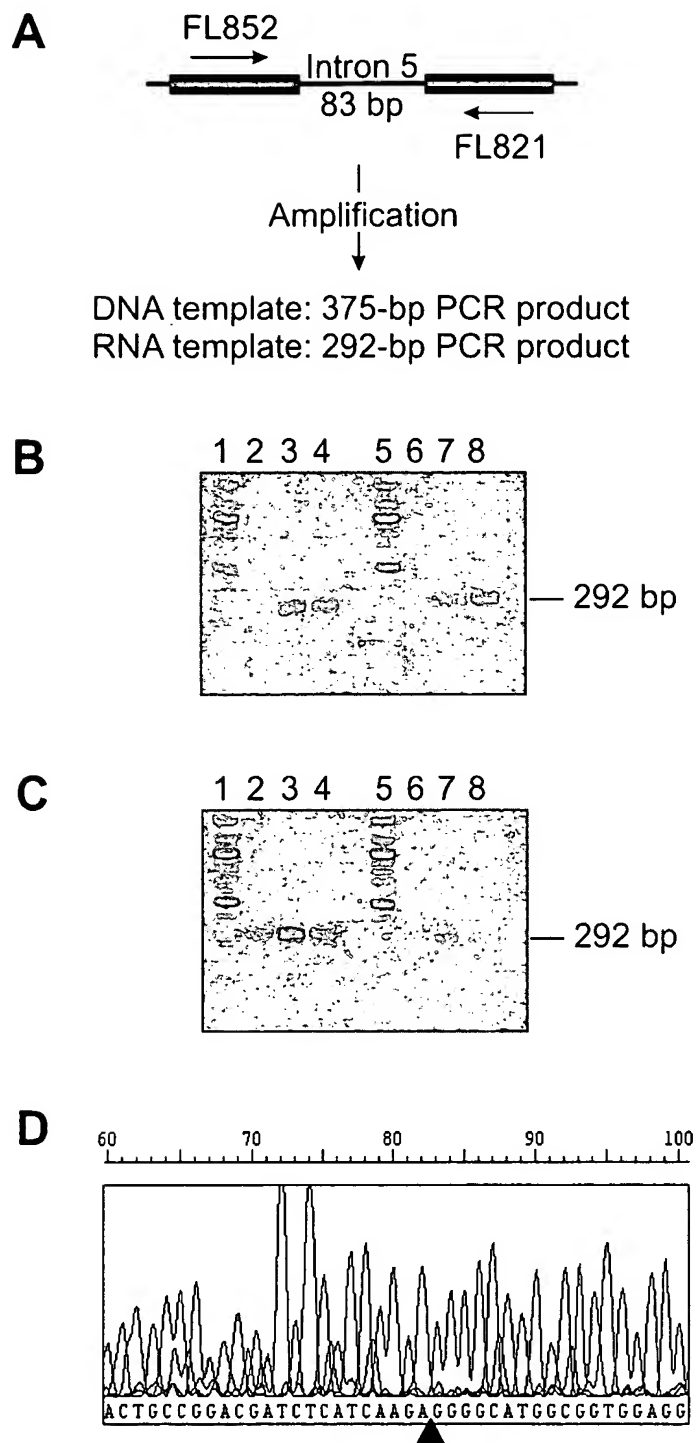


Figure 17

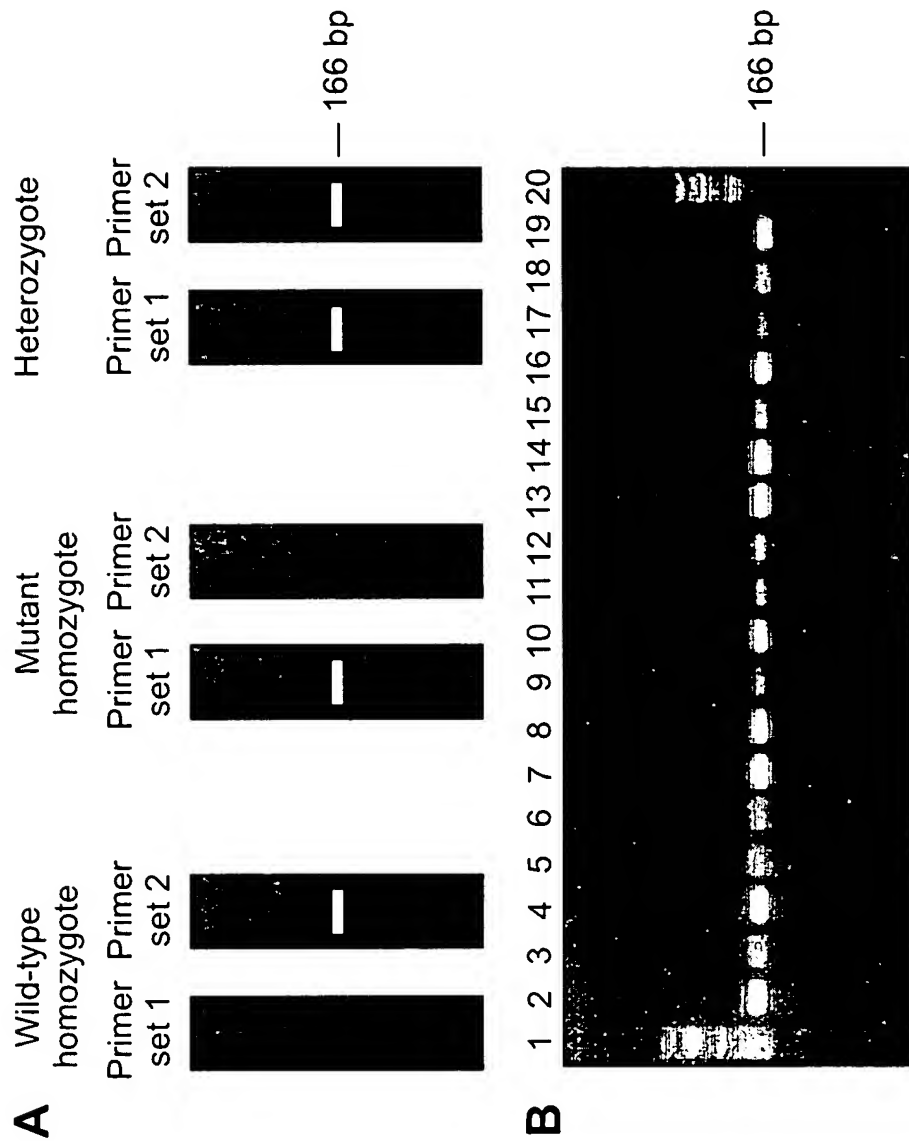


Figure 18

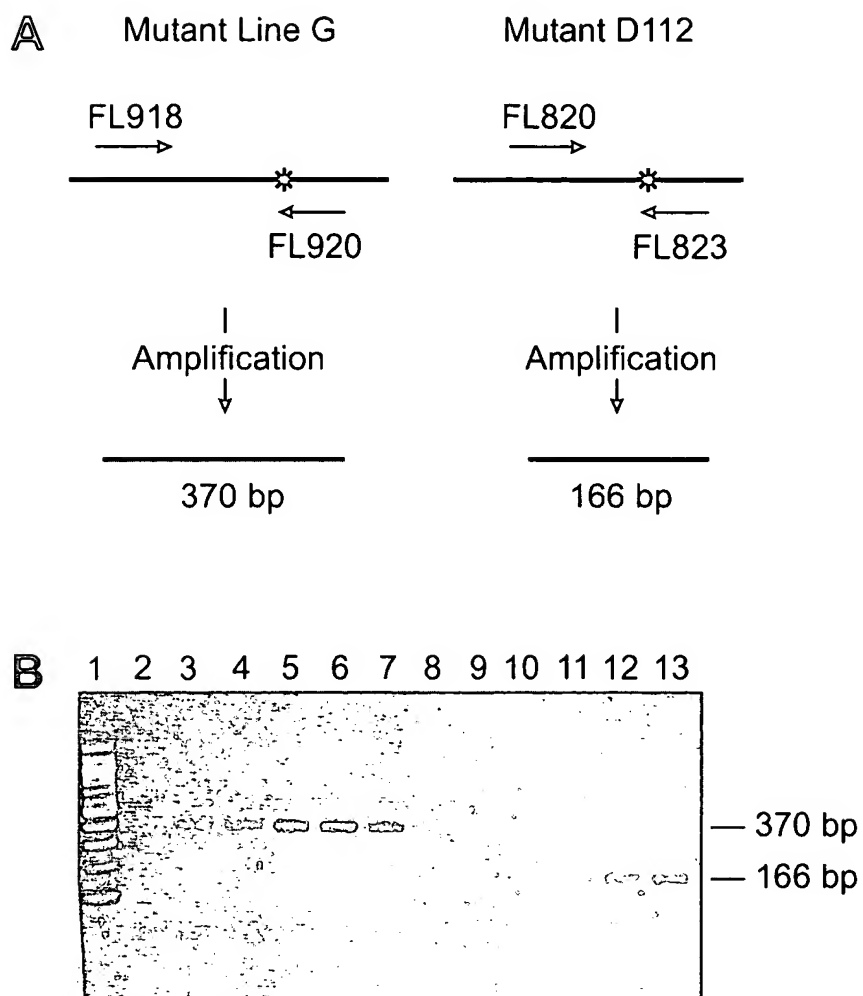


Figure 19

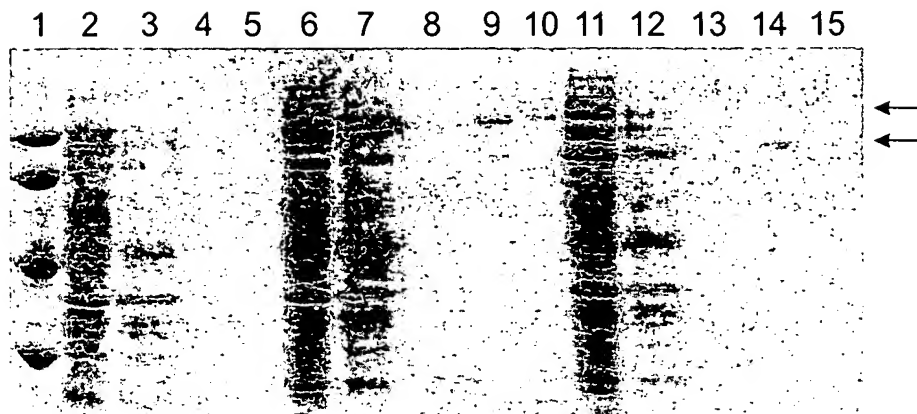


Figure 20

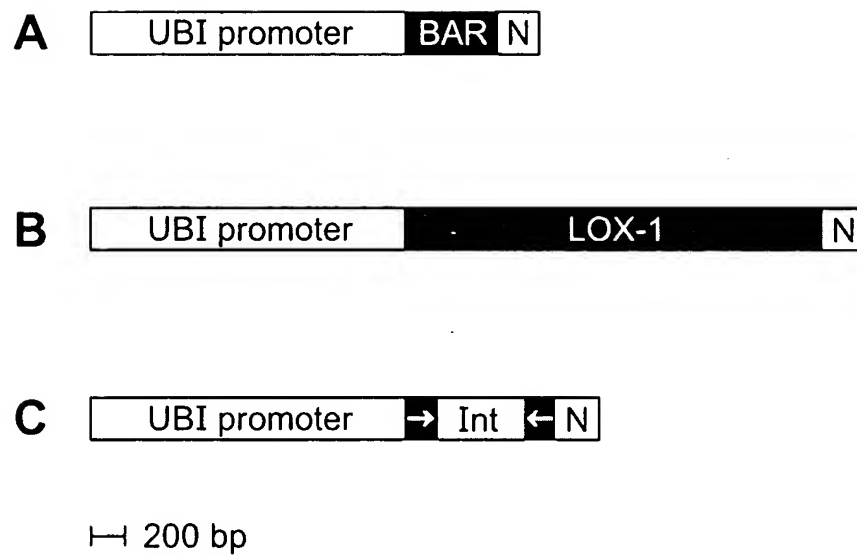


Figure 21